

FORM PTO-1046
LIST OF REFERENCES CITED BY APPLICANT

MAR 22 2004

ATTY. DOCKET NO.
VTE-150-C

SERIAL NO.
10/763,500

APPLICANT
Moler et al.

FILING DATE
January 23, 2004

GROUP
Unknown

U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>TDL</i>	AA	6,567,255 ✓	5/20/2003	Panzer et al.			
	AB	4,106,390 ✓	8/15/1978	Kodaira et al.			
	AC	6,230,606 ✓	5/15/2001	Sato			
	AD	4,080,873 ✓	3/28/1978	Bauer et al.			
	AE	4,450,753 ✓	5/29/1984	Basrai et al.			
	AF	5,211,196 ✓	5/18/1993	Schweim			
	AG	6,305,264 ✓	10/23/2001	Yang et al.			
	AH	5,587,536 ✓	12/24/1996	Rasmussen			
	AI	4,481,451 ✓	11/6/1984	Kautz et al.			
	AJ	4,628,499 ✓	12/9/1986	Hammitt			
<i>Y</i>	AK	4,741,247 ✓	5/3/1988	Glomeau et al.			

FOREIGN PATENT OR PUBLISHED PATENT APPLICATION

	DOCUMENT NO.	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<i>TDL</i>	AR	Karim Khayati, Pascal Bigras and Louis-A. Dessaint; NONLINEAR CONTROL OF PNEUMATIC SYSTEMS; Ecole de Technologie Supérieure; 1100, rue Notre-Dame Ouest, Montral (Quebec) H3C 1K3.
<i>Y</i>	AS	HIGH SPEED SERVO PNEUMATIC ACTUATOR SYSTEMS; (modified on 13 January 2004); Design of High Speed Machinery (DHSM) LINK Programme; Engineering & Physical Sciences Research Council; Department of Trade & Industry; March 1995 to August 1997, Grant Reference: GR/K38663 <i>Summary only</i>
<i>Y</i>	AT	Journal of Zhejiang University SCIENCE; (ISSN 1009-3095, Monthly), 2001 vol. 2, no. 2, pages 128-131; CLC Number: TP271.32; Document Code: A; RESEARCH ON THE CONTINUOUS POSITIONING CONTROL TO SERVO-PNEUMATIC SYSTEM; Tao Guo-liang, Wang Xuan-yin, & Lu Yong-xiang <i>Abstract only</i>

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 LIST OF REFERENCES CITED BY APPLICANT				ATTY. DOCKET NO. VTE-150-C		SERIAL NO. 10/763,500	
				APPLICANT Moler et al.			
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U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
✓	AA	4,763,560 ✓	8/16/1988	Sasaki			
	AB	4,790,233 ✓	12/13/1988	Backe et al.			
	AC	4,819,543 ✓	4/11/1989	Leinen			
	AD	4,878,417 ✓	11/7/1989	Facon			
	AE	4,901,625 ✓	2/20/1990	Bussan et al.			
	AF	4,932,311 ✓	6/12/1990	Mibu et al.			
	AG	5,154,207 ✓	10/13/1992	Bolt			
	AH	5,424,941 ✓	6/13/1995	Bolt et al.			
	AI	5,950,668 ✓	9/14/1999	Baumann			
	AJ	6,003,428 ✓	12/21/1999	Mundie et al.			
	AK	6,085,632 ✓	7/11/2000	Stoll et al.			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
✓	AR	MODELING AND SIMULATION OF A SERVOPNEUMATIC GRIPPER; Salvador Esque and Jose LM Lastra, date 10 Dec 99 <i>drawings blanked out</i>					
	AS	MODIFIED FEEDBACK LINEARIZATION CONTROLLER FOR PNEUMATIC SYSTEM WITH NON-NEGLIGIBLE CONNECTION PORT RESTRICTION; Pascal Bigras, Karim Khayati, Tony Wong; University of Quebec					
	AT	ND9000 INTELLIGENT VALVE CONTROLLER; METSO AUTOMATION; date: July 7/2003					
	AU	INTRODUCING PRECISIONAIRE - A BREAKTHROUGH PNEUMATIC MOTION SYSTEM.					
	AV	AXIS CONTROLLER SPC 200; Festo AG&Co.; Products 2001.					
EXAMINER <i>[Signature]</i>				DATE CONSIDERED 2/10/05			
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EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>JR</i>	AA	6,234,060 ✓	5/22/2001	Jolly			
	AB	6,453,261	9/17/2002	Boger et al.			
	AC	6,523,451 ✓	2/25/2003	Liao et al.			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
<i>JR</i>	AR	KUHNKE "SPEEDY" Machine Building Process Module; Switched Pneumatic Electrical Endposition Damping - E835 GB/02 92.652 -					
	AS	SWITCHED PNEUMATIC ELECTRICAL ENDPOSITION DAMPING; Werner Brockman; University of Lubeck Institute of Computer Engrg, Lubeck, Germany.					
	AT	BLOCK-ORIENTED NONLINEAR CONTROL OF PNEUMATIC ACTUATOR SYSTEMS; fulin Xiang; Doctoral Thesis, Mechatronics Lab, Department of Machine Design, Royal Institute of Technology, KTH; S-100 44, Stockholm, Sweden, 2001.					
	AU	HYDRAULIC & PNEUMATIC ACTUATORS; Sensors & Actuators for Mechatronics Hydraulic and Pneumatic Actuators; K. Craig.					
EXAMINER <i>JR</i>				DATE CONSIDERED <i>2/20/05</i>			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
	AR	ADAPTIVE NEURON CONTROL BASED ON PREDICTIVE MODEL IN PNEUMATIC SERVO SYSTEM; Huang Wenmei, Yang Yong, Tang Yali; College of Mechanical and Automotive Engrg. Hunan University, 410082, Changsha, Huna, P.R. China.					
	AS	PROPNEU - AN INTELLIGENT SOFTWARE TOOL; Hong Zhou, Ph.D., Festo AG & Co., Ruitersstr. 82, D-73734 Esslingen, Germany.					
	AT	PNEUMATIC SERVO SYSTEMS CONTROLLED BY SELF-TUNING FUZZY RULES; Akira Shimizu, Satoru Shibata, and Mitsuru Jindai, Dept. of Mech. Eng. Ehime University, 3, Bunkyo-cho, 790-8577, Matsuyama, Ehime, Japan.					
	AU	MODELICA - Proceedings of the 3 rd International Modelica Conference, Linkoping, November 3-4, 2003, Peter Fritzson (editor).					
	AV	HIGH STEADY-STATE ACCURACY PNEUMATIC SERVO POSITIONING SYSTEM WITH PVA/PV CONTROL AND FRICTION COMPENSATION; Shu Ning and Gary M. Bone; Dept. of Mechanical Engrg., McMaster University, Hamilton, Ontario, Canada, L8S 4L7. Proceedings of the 2002 IEEE, International Conference on Robotics & Automation, Washington, DC - May 2002. <i>1 page only</i>					
	AW	A HYBRID PNEUMATIC/ELECTROSTATIC MILLI-ACTUATOR; Kenneth H. Chiang, Ronald S. Fearing; ROBOTICS AND INTELLIGENT MACHINES LABORATORY; Dept. of Electrical Engrg. And Computer Sciences; 265M Cory Hall, University of California, Berkeley, CA 94720-1770					
	AX	MODELING, IDENTIFICATION, AND CONTROL OF A PNEUMATICALLY ACTUATED, FORCE CONTROLLABLE ROBOT; J.E. Bobrow and B.W. McDonell; Irvine, California 92697.					
	AY	MODELLING AND SIMULATION OF PNEUMATIC CYLINDERS FOR A PHYSIOTHERAPY ROBOT; R. Richardson, A.R. Plummer, M. Brown; School of Mechanical Engrg., University of Leeds, UK; Instron Ltd., UK.					
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TJOL ↓ ✓	AA	4,808,874	2/28/1989	Stahlhuth			
	AB	5,333,455	8/2/1994	Yoshioka			
	AC	5,388,751	2/14/1995	Harada et al.			
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TJOL ↓ ✓	AL	JP 01185175	24-07-1989	Japan			
	AM	WO 0178160	18-10-2001	US			
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)							
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EXAMINER <i>THamilton</i>				DATE CONSIDERED 2/10/05			
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U. S. PATENT DOCUMENT							
EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>Shoh</i>	AA	5,465,021	11/7/1995	Visscher et al			
<i>↓</i>	AB	4,736,131	4/5/1988	Fujimoto			
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<i>Shoh</i>	AL	EP 0325764	02.08.89	EP			
<i>↓</i>	AM	JP 6129681	27.12.86	JP			
<i>↓</i>	AN	US 2001/0030306	10/18/2001	US			
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EXAMINER <i>David Lopez</i>				DATE CONSIDERED <i>2/10/05</i>			
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3745

U. S. PATENT DOCUMENT

EXAMINER INITIALS		PATENT NO.	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>TJH</i>	AA	5,431,086	7/1995	Morita et al	<i>91</i>	<i>361</i>	
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<i>TJH</i>	AL	GB 2203195A	10/1988	UK			
<i>✓</i>	AM	DE 10122297C1	6/2002	Germany			
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<i>[Signature]</i>	AA	6,759,790 ✓	7/6/2004	Bugel et al.			
<i>[Signature]</i>	AB	6,642,067 ✓	11/4/2003	Dwyer			
<i>[Signature]</i>	AC	6,548,938	4/15/2003	Moler et al.			
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